

ORIG :
 UNIT : NPIC/TSG/APSD/IEB
 EXT :
 DATE : 9 SEP 70

CLASSIFIED MESSAGE

S E C R E T

ROUTING			
1		4	
2		5	
3		6	

9 SEP 70 19 32

TO :

FROM:

CONF:

INFO :

ROUTING	DEFERRED	PRIORITY	INITIALS
	X ROUTINE	OPERATIONAL IMMEDIATE	

PAGE 1 OF 2

OUT70629

TO

INFO

CITE

9250

SUBJ: IRIS II EVAL, MSN GT70-253

1. IMAGE QUALITY: QUALITY IS POOR AT BEGINNING OF MSN AND GRADUALLY IMPROVES THROUGHOUT FIRST 150 FRS. REMAINING FRS CONTAIN IMAGERY OF FAIR TO GOOD QUALITY. THROUGHOUT MSN, IMAGERY HAS SLIGHT GRAINY APPEARANCE POSSIBLY DUE TO OVEREXPOSURE AND INCREASED TRANSMISSION OF BLUE HAZE LIGHT USING W-12 FILTER. QUALITY OF FWD FRS APPEARS SLIGHTLY BETTER THAN AFT FRS THROUGHOUT. BEST GROUND RESOLUTION ESTIMATED TO BE BAR TARGET NOT PHOTOGRAPHED ON MSN.

2. MSN DATA:

- A. MSN GT70-253, 8 JUL 70
- B. CAM NO: 8002
- C. MODE OF OPERATION: STEREO
- D. FILM TYPE/FILTER: 3414 (S0-349)/W-12
- E. FILM FOOTAGE: 2200 FT.
- F. PROCESSING: DUAL GAMMA

COORDINATING OFFICERS

S E C R E T

RELEASING OFFICER

AUTHENTICATING OFFICER

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PAGE 2 OF 2

ROUTING			
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2		5	
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RECEIVED	DEFERRED	PRIORITY	INITIALS
	ROUTINE	OPERATIONAL IMMEDIATE	INITIALS

TO

INFO

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3. ORIGINAL NEGATIVE

A. EXPOSURE: FIXED SLIT, 0.033 IN WAS USED. DENSITY
GENERALLY HEAVY AND IMAGERY APPEARS SLIGHTLY OVEREXPOSED.

B. IMAGED DEGRADATION: NONE.

C. STATIC: NONE.

D. BANDING: MINOR.

E. METERING: GOOD.

F. AUXILIARY DATA: RECORDED SATISFACTORILY.

G. OTHER: BAY WINDOW JOINTS CAUSE EXCESSIVE DEGRADATION.

AT NADIR, JUNCTION DEGRADES TEN DEGREES OF SCAN ON FWD FRS AND 15
DEGREES ON AFT FRS.

4. COMMENTS: NO EVIDENCE OF VEHICLE MOTION OR VIBRATION. DEGRADATION
AT ONSET OF MSN AND SEVERE DEGRADATION AT WINDOW JOINTS PROBABLY ASSOCIATED
WITH UNFAVORABLE THERMAL ENVIRONMENT. PILOTS LOG WAS NOT FORWARDED. TIME
BETWEEN TAKE-OFF AND CAMERA OPERATION IS UNKNOWN.

END OF MESSAGE

COORDINATING OFFICERS

S E C R E T

ACT CHIEF, ISG/NPIC
RELEASING OFFICER

CHIEF, AFSD/ISG/NPIC
AUTHENTICATING OFFICER

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